

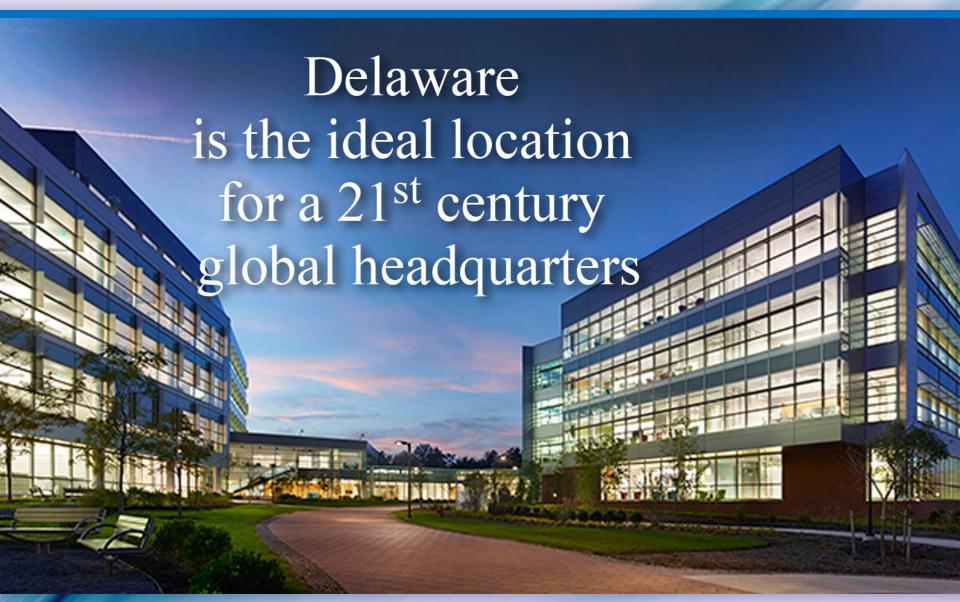


Delaware AgriScience











Lower Business Costs; (2015 Michigan Entrepreneurship Score Card)

Lower Unit Labor Costs; (2015 Michigan Entrepreneurship Score Card)

Best Legal Environment for Business since 2002; (U.S. Chamber of Commerce, 2015)

Manufacturing Capital Investment Growth; (2015 Michigan Entrepreneurship Score Card)

Energy Reliability; (2015 Michigan Entrepreneurship Score Card)

Clean Energy Patents Granted; (2015 U.S. Clean Tech Leadership Index)

Most tax-friendly state; (Kiplinger, September 2015)

Internet Speed; (2015 Michigan Entrepreneurship Score Card)

Overall Ranking for U.S. State New Economy Score; (2014 New Economy Index; Kauffman Foundation)

Academic R&D Growth; (Enterprising States 2015, U.S. Chamber of Commerce)

#3

Patents; (2014 New Economy Index; Kauffman Foundation)

Productivity and Labor Supply; (2015 Michigan Entrepreneurship Score Card)



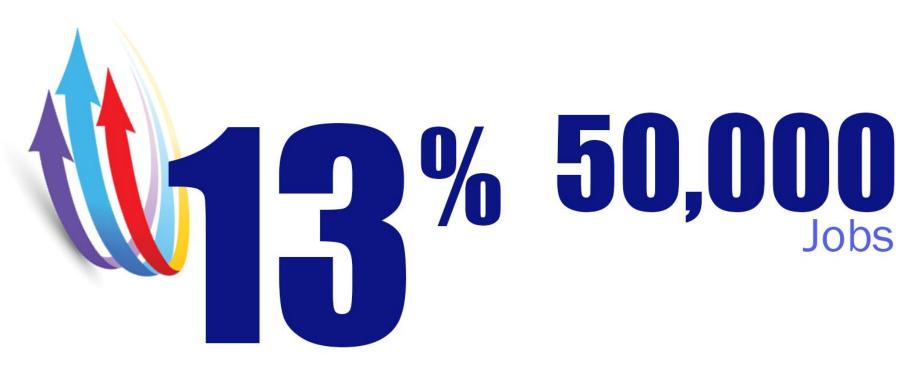
Delaware has been ranked second among states best-prepared for the new economy by *The Information Technology and Innovation Foundation*

The 2014 State New Economy Index builds on six prior State New Economy Indexes published in 1999, 2002, 2007, 2008, 2010 and 2012. Overall, the report uses 25 indicators broken up into five key areas that best capture what is new about the New Economy:

- 1. Knowledge Jobs
- 2. Globalization
- 3. Economic Dynamism
- 4. The Digital Economy
- 5. Innovation Capacity



Delaware's job growth has outpaced that of all of our neighbors since January 2010







in the nation for PhD's per capita

Delaware's economic strength is the quantity and quality of labor available in the State

Source: National Center for Education Statistics



Education

World-class research programs in agricultural disciplines and related disciplines such as chemistry, engineering, biology, genetics and business management provide support with research and business challenges, while sustaining the pipeline of talented, well-trained graduates at all degree levels.







World-class research faculty

University of Delaware

- Programs in agriculture, chemistry, engineering, biology, genetics and business management
- College of Agriculture & Natural Resources offer programs relevant to Crop Protection including entomology and pest control, soil health, and chemical discovery
- Research flourishes at UD's Agricultural Experiment Station, a 212-acre farm in Newark and on its substation in Georgetown

Delaware State University

 Agribusiness degree provides outstanding preparation for a broad range of careers in the agricultural industry





Rutgers University School of Environmental and Biological Sciences

College of Environmental and Biological Sciences is within an hour and a half drive of Wilmington, Delaware
The New Jersey Agricultural Experiment Station gives students access to laboratories, farms, business
incubators and marine stations

University of Maryland

College of Agriculture and Natural Resources is within a two-hour drive of Wilmington, Delaware Comprehensive academic programs covering various topics in agriculture, environmental technology, food science, and natural resources





Delaware Technical Community College

Agribusiness Management Associate Degree Program focused on principles of production, management, and marketing of an agricultural business

There are 220 colleges and universities within a 100-mile radius, including:

American University

La Salle University

Salisbury University

Delaware Valley University

Loyola University

Swarthmore College

Drexel University

Penn State

University of Pennsylvania

Georgetown University Princeton University University of the Sciences

Johns Hopkins University Rowan University Villanova University



... and 327 miles away is Breen Student Union at Grove City College





Delaware's Educational Agricultural Programs

Bioinformatics

Entomology

Agricultural & Resource Economics

Soil Sciences

Soil Chemistry

Soil Fertility

Soil Physics

Soil Formation and Biochemistry



Plant Molecular Biology

Plant Pathology

Plant Tissue Culture





Educational Research Happening in Delaware

Includes: Soil & water science, plant molecular genetics & genomics, applied agricultural sciences, and food microbiology

- North East Cyberinfrastructure Consortium project to sequence the little skate, Leucoraja erinacea, genome
- Genome-wide association studies in chicken using integrative genomics and systems biology approach
- Research in post-transcriptional mechanisms that regulate the expression of genes in higher plants
- Entomologists are addressing pests that attack corn and soybeans
- Variety of projects on nematicide discovery
- Study of diseases and pests that impact lima bean production
- Strategies to understand and mitigate heavy metals in crops

- Designer fertilizers to optimize bioavailability with crop growth
- Soil Evaluation Laboratory is conducting cutting-edge research to address soil-related environmental issues, crop production challenges, and waste disposal concerns
- Research conducted to understand resistance mechanisms exhibited y plants upon inoculation with a rust fungal pathogen called *Uromyces appendiculatus*
- Studying the physiological stress responses and the underlying biochemical and molecular mechanisms in crop plants to drought and salinity





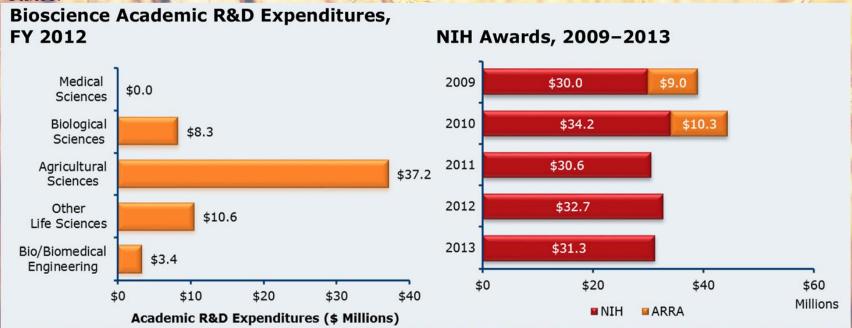
Environmental and Natural ResourcesScience Pathway

The Environmental and Natural Resources Science Pathway of study includes two courses that were developed through the national Curriculum for Agricultural Science Education (CASE) and concludes with the Advanced Placement Environmental Science course. The CASE curriculum is supported by the nation's largest agricultural companies, including but not limited to DOW, General Mills, MetLife, Mosaic, John Deere, TransCanada, Cargill, as well as DuPont and Pioneer. Many graduates accept jobs in Delaware supporting our numerous bioscience companies.



Bioscience Research in Delaware

The region's educational institutions prepare Delaware's students for future employment in AgriScience and also its complement bioscience. The 2014 Battelle/BIO State Bioscience Jobs, Investments and Innovation reports shows, "Delaware has a diverse and highly specialized concentration in bioscience employment. The industry is 63 percent more concentrated in the state relative to the national average. Our State has 1,150 bioscience-related patents since 2009. Delaware's total bioscience industry establishments increased by 45.3% from 2007-2012 as compared to an increase of 11.4% in the United States."







Life Sciences Thrive in Delaware

- Uniquely positioned in the center of one of our nation's most successful life science corridors
- Leads the nation in academic bioscience R & D growth with a growth rate from 2009 through 2012 of 46.0%
- Ranks 3rd in the nation in bioscience related patent distributions
- 9th highest growth rate in NIH funding, FY 2013
- One of only a few states with a specialization in all four bioscience subsections: agriculture, feedstock and chemicals; drugs and pharmaceuticals; medical devices and equipment; and research and testing
- With its roots in the research and development standards established set by the
 original DuPont Company more than 200 years ago, Delaware is currently home to
 life science firms ranging from incubator start-ups to multinational giants with a
 supportive environment for creativity and innovation



A Sampling of Delaware's Growing Life Sciences Industry

ABS

ACRO Biosystems

ACT Solutions Corp

Adesis, Inc.

Agilent Technologies

Amgen

ANP Tech

AstraZeneca

CD Diagnostics

CM-Tec

DeNovix

DuPont

GenPro Genome Profiling, LLC

Hologic

Incyte

Johnson & Johnson Innovation

Merck

Midi Labs

Modern Water

Nemours Biomedical Research

Neuracon Biotech

NORAMCO, Inc.

Pharma Tech

Romer Labs

SDIX LLC, An OriGene Company

Siemens

SPC

SPI Pharma

Supercritical Fluid Technologies, Inc.

ThermoFisher Scientific



Perdue AgriBusiness

Delaware's agriculture industry continues to grow:

- November 2015, Perdue AgriBusiness announced it will build new corporate offices in Delmar, Delaware
- Perdue is an exclusive distributor for DuPont seeds in State of Delaware



Inherent qualities of our region provide opportunities for rigorous evaluations of new products and crop varieties.

Corn 518,000 acres

Soybeans 551,100 acres

Wheat 318,000 acres

Vegetables and fruit 80,000 acres



Delaware Biotechnology Institute





The Delaware Biotechnology Institute (DBI), which collaborates with Delaware's other academic and research organizations, has been recognized internationally for its worldleading expertise and work in agriculture. DBI is home to a number of cutting-edge instrumentation facilities which supports the local bioscience industry — from startups to multinationals.













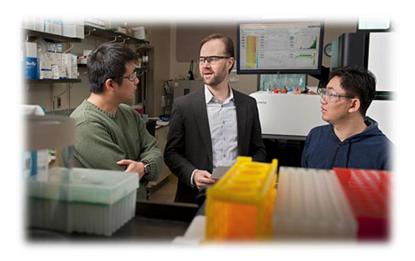








Delaware Biotechnology Institute





- Center for Advanced Technology within the institute supports and grows Delaware's economy and bioscience community by fostering innovative applied research collaborations between Delaware businesses and academic institutions
- Uses molecular and cellular methods to address some of the most important agricultural problems
- Emphasis on the application of the most advanced molecular sequencing technologies, as well as breakthrough methods to visualize cells, widely regarded for knowledge of how genes are expressed and how the gene expression is controlled by plant cells
- Work in plants is also directly leading to exciting new applications in understanding human diseases as well
- Current research focuses on post-transcriptional mechanisms that regulate the expression of genes in higher plants









Recently, the Delaware Competes Act was introduced and passed by the House of Representatives in less than one week. The Act incentivizes companies to create Delaware jobs and invest in Delaware property by changing the way income is apportioned to Delaware for purposes of the corporate income tax. The Act also eases business tax compliance for Delaware employers.





Attract new business and encourage the expansion of existing operations

Key tax features include:

- No State or local general sales tax
- No personal property or inventory taxes
- Real property taxes are among the lowest in the country
- Property tax relief for new construction & improvements of existing property
- Exemption of certain investment & holding companies from corporate income tax
- Adherence of the State tax structure to the federal definition of corporate net income so that companies may take full advantage of any federal tax law change such as, more rapid depreciation of newly purchased assets
- Port of Wilmington foreign trade zone allows the deferment of import taxes
- Public Utility Tax rebates of 50% on increased consumption for qualifying industries, and a reduced rate for manufacturers & agricultural processors



Strategic location

is another of the State's key strengths. Delaware is in the center of the Northeast megalopolis from Boston, Massachusetts to Richmond, Virginia, benefiting from an enormous concentration of modern, efficient transportation options and infrastructure.







Philadelphia International Airport — **less than 25 minutes from Wilmington** — has **OVER 520** national and international flights each day, with **129 nonstop** destinations

There are four international airports within approximately 2 hours of the Chestnut Run Headquarters — Philadelphia International, Newark Liberty International, Washington Dulles International, and Baltimore—Washington International.

| Nearest Direct Flight | Philadelphia to | Philadelphia to | Newark to | Newark to |
|-----------------------------------|---------------------|--------------------|----------------------|---------------------|
| | Brussels, Belgium | Frankfurt, Germany | Sao Paulo, Brazil | Beijing, China |
| Total Travel Time from Wilmington | 7 hours, 48 minutes | 8 hours, 7 minutes | 11 hours, 12 minutes | 15 hours, 7 minutes |



New Castle Airport (ILG), Delaware's largest airport (excluding the Dover Air Force Base), operates as a Class-IV-certified FAA facility. The all-weather, CAT 3 facility has three major runways, ten taxiways and several aircraft parking ramps. **Located just five miles south of Wilmington**, the airport provides private operations for numerous major corporations, charter operators and individual owners.





The crop protection team, including many research fellows, has **conducted award-winning research in Delaware** and **developed the strongest and most productive pipeline** in the Global Crop Protection industry.

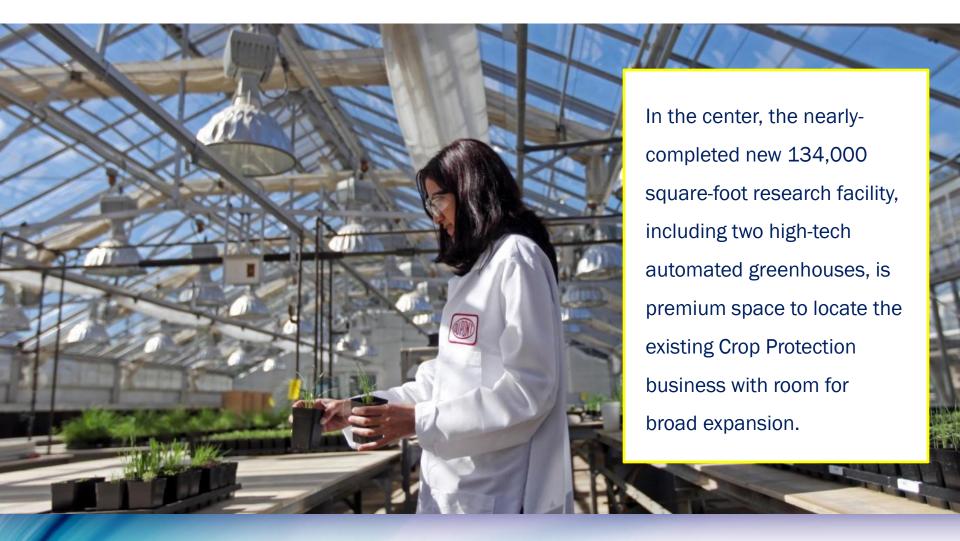








Stine Haskell Research Center



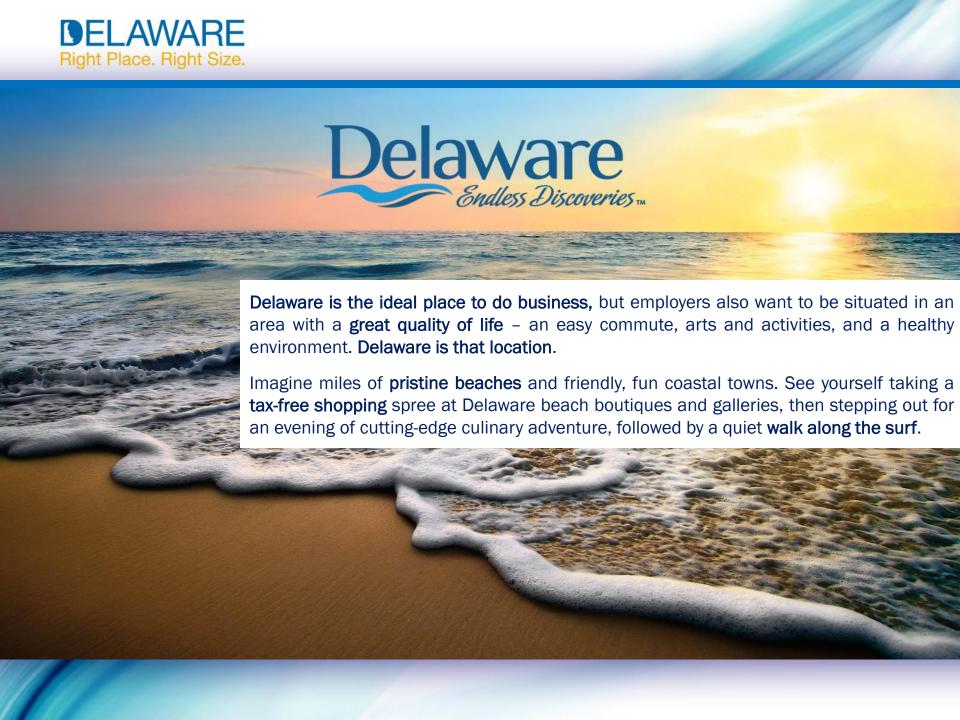


Existing Infrastructure

Chestnut Run Plaza Experimental Station



DuPont's existing infrastructure in Delaware includes its headquarters in the Chestnut Run Plaza and the Experimental Station research and development facility. Both provide the ideal location for the science and business management required to be competitive in the agriculture and food industry. These industries are already an integral part of our educational community providing for an outstanding workforce pipeline.







Delaware AgriScience



We strongly believe that Delaware is the best place for the AgriScience business and we are prepared to customize incentives to demonstrate our commitment to DowDuPont and the AgriScience industry. We look forward to continuing our partnership.